

### REMARKS

This Response to Restriction Requirement is responsive to the Office Action mailed April 5, 2005 (hereinafter "Office Action"). Restriction is requested between one of two groups. As alleged in the Office Action, Group I (Claims 1-19) is drawn to "conductor loop overlying the ground plane," while Group II (Claims 20-43) is "drawn to frame and radio communication circuit supported by the frame." Office Action, p. 2. Applicants provisionally elect Group 1, Claims 1-19, with traverse.

The Office Action supports restriction based on an assertion that "group I that, they have a different modes such as conductor loop overlying the ground plane and on the other hand, group II merely defines a circuit supported by frame to radiating frequency." Office Action, p. 2. To the extent that Applicants understand this statement, the Office Action is mischaracterizing the claims. Applicants note that Claim 1 recites:

An antenna, comprising:  
*a ground plane;*  
*a conductor loop overlying the ground plane; and*  
*a monopole extending off the ground plane,*  
*wherein the monopole and the conductor loop are configured to be coupled*  
*to a common feedpoint.*

Independent Claim 20 recites:

A radio communications device, comprising:  
a frame;  
a radio communications circuit supported by the frame;  
*a conductive ground plane disposed on a substrate supported by the frame;*  
*a conductor loop supported by the frame and overlying the ground plane;*  
*and*  
*a monopole supported by the frame and extending off the ground plane,*  
*wherein the monopole and the conductor loop are configured to be*  
*commonly coupled to the radio communications circuit at a common feedpoint.*

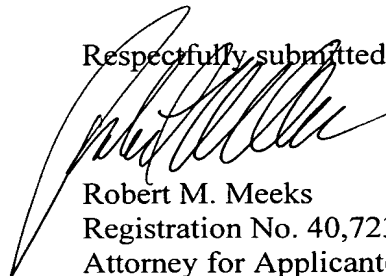
Independent Claim 39 recites:

A mobile terminal, comprising:  
a frame;  
a radio communications circuit supported by the frame;  
***an antenna electrically coupled to the radio communications circuit,  
attached to the frame and comprising commonly fed conductor loop, monopole and  
helical elements.***

These claims share common technical features, supporting that the claims should be maintained together pursuant to MPEP § 803, as search and examination of the entire application can be made without serious burden.

Applicants respectfully submit that this application is in condition for substantive examination of Claims 1-43, which action is respectfully requested. Any questions that the Examiner may have regarding this correspondence can be directed to the undersigned.

Respectfully submitted,

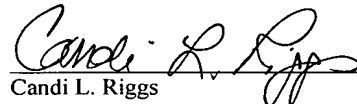


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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 2, 2005.

  
Candi L. Riggs